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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/722,465	11/28/2003	Jong Seok Kim	0465-1100P	7975
2292	7590	09/20/2006	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			PATEL, RITA RAMESH	
			ART UNIT	PAPER NUMBER
			1746	

DATE MAILED: 09/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No. 10/722,465	Applicant(s) KIM ET AL.	
	Examiner Rita R. Patel	Art Unit 1746	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

Acknowledgement has been made of applicant's claim for priority under 35 U.S.C. 119. This application claims the benefit of Korean Application No. 10-2002-0074965 filed on November 28, 2002.

Drawings

The drawings received 11/28/2003 are acceptable for examination purposes.

Claim Objections

Claims 5 and 7 are objected to because of the following informalities: in lines 2 of claims 5 and 7 applicant states "lead frame", however this appears it may have been a misspelling of the phrase "lid frame". Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 5 and 7 recite the limitation "lead frame" in lines 2 of both claims, however, there is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-9 and 11 are rejected under 35 U.S.C. 102(b) as being anticipated by Wunderlich et al. herein referred to as "Wunderlich" (US Patent No. 6,327,729).

Wunderlich teaches a washing machine including cabinet 12 having side 14, front 16, and a top wall 18 with a top cover 24. Top lid assembly 68 includes a dispenser housing 72 with a gasket seal 74 which is elongated and has a left end 96 and right end 98; these components read on applicant's claim for a detergent storing assembly and a packing means (col. 4, lines 22-24, 27-28). As seen by Figure 1 of Wunderlich, the dispenser housing 72 is loaded by a lid part, fill cap 86, to fill the loading hole, fill opening 87, at the top wall of cabinet 12. Reservoir chamber 100 formed within the dispenser housing 72 is used to hold detergent. Front wall 76 is fixed to the detergent box and thereon it has fill opening 87 whereby fill cup 86 is attached and is revolvable, as it may be circularly screwed to open/close the topside of the detergent box (Figure 1). The bottom of front wall 76 is where the fill opening 87 is mounted; thereon the fill opening is fill cup 86 which is removably connected. The gasket extends a distance, as seen in Figure 1, that travels from the bottom of the front wall 76 to the fill opening 87 and further beyond these points laterally across the total width of the lid; thus reading on applicant's claim wherein the packing means are

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provided between the bottom of the lead frame and the rim of the loading hole. Reservoir chamber wall 76 extends about the inner side of the lid of the washing machine. The left 96 and right 98 sides of the gasket traverse along a thin, long grooved portion of the front wall 76. The gasket seal 74 extends along the front of the washer door depression 36 and generally across ridge 48 for retaining condensation therein and reducing agitation noise (col. 4, lines 31-34). Moreover, The horizontal parts of sealing gasket 74 read on applicant's claim for a first gasket inserted in a front portion of the insertion groove of the lid frame. The lateral/vertical portion extending along the sides of the front wall 76 read on applicant's claim for a second gasket inserted in a rear portion of the insertion groove of the lid frame. The cabinet 12 is formed around the body of the entire washing machine and the fill opening 87 is formed at the top side of said cabinet.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wunderlich as applied to claim 6 above, and further in view of Faccoli (US Patent No. 5,709,390).

Wunderlich fails to teach the exact means of connection of the gasket thereon the insertion groove of the front wall. However, insertion grooves for connecting the gasket to the insertion groove would have been an obvious form of connection as sealing such packing must be impervious to leakage, as known for achieving said functions in the art by this form of gasket connection. Faccoli teaches an elastomeric sealing gasket of continuous length for cooking oven doors. A protruding element extending from an adjacent metal wall can be bent to form a hook able to engage in apertures provided in the oven. The hooks facilitate the bending of the gasket to follow a corner of the oven door and facilitate proper positioning of the hook and gasket. Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate said feature of Faccoli to Wunderlich for achieving a well-connected gasket thereon the door of a household appliance which is used to prevent leakage therefrom.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rita R. Patel whose telephone number is (571) 272-8701. The examiner can normally be reached on M-F: 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Barr can be reached on (571) 272-1414. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

RRP



MICHAEL BARR
SUPERVISORY PATENT EXAMINER